AllerAir™ Industries

Eliminates Micro-particles, Chemicals, Gases and Odors

Model 9620 /9630 /9640

Home, office and restorators. Air purification systems

Filter Airborne Particles, Chemicals, Gases and Odors.

For clean room quality indoor air.

HEPA filter

- 2" mini pleat medical grade HEPA filter.
- HEPA warm rolled to prevent cracking at folds.
- Laser tested to ensure integrity.
- Traps 99.97% of particles as small as 0.3 microns.

Pre-filter

- Easy to change (1/2 minute) pull out pre-filter.

Carbon filter

- Granulated activated carbon filter (15 lbs.)

Motor before filters - 360 CFM

- Motor installed before tilters to minimize etfects of any off-gassing or particles trom motor.
- Low power consumption: 0.8 Amps.

Robust all-metal housing

- Powder coated (white or black) or galvanized steel housing ensures no release of harmful vapors.
- 18 gauge steel.
- 4 castors for easy manoeuvrability.

Easily changeable filters

- Simply click-oft the top to change tilters in an instant.

Options

- 10 or 20 Watt UV lamp.
- Motor 560 CFM (model 9630) or 735 CFM (model 9640).
- Carbon filter (30 lbs.) available.

AllerAir Model 9620

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Reduce Particles, Chemicals, Gases and Odors in the air you breathe

AllerAir Industries Inc. Toll free; 1-888-852-8247 / Fax: (450) 688-3939 www.allerair.com

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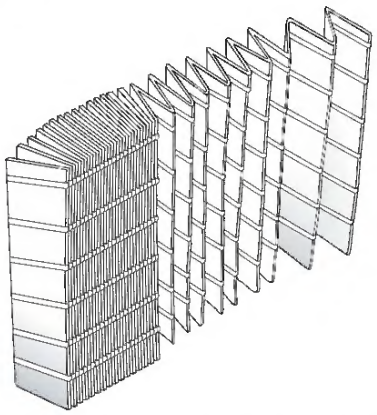
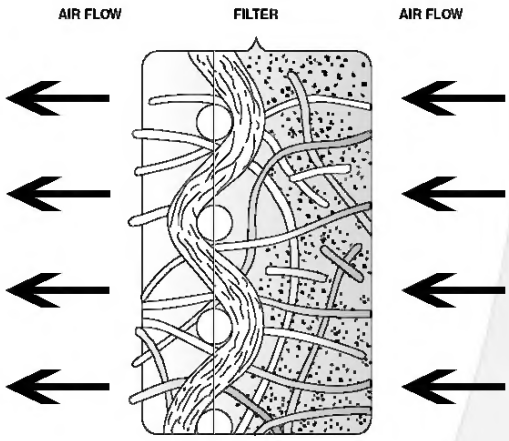
HEPA filtration at the heart of the AllerAir™ 9600 Series

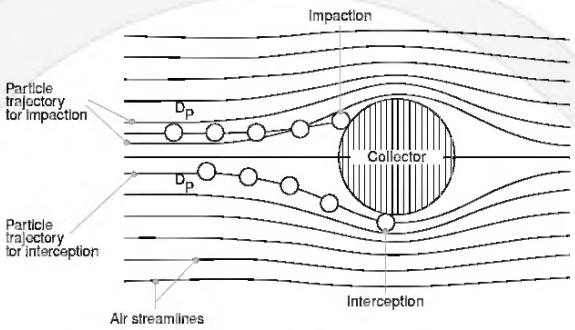
HEPA filters were developed by the Atomic Energy Commission to trap radioactive particles



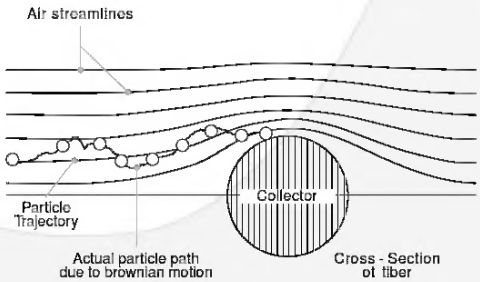
AllerAir air purifiers use HEPA material in Zig Zag folds to increase the filter surface area.



HEPA material consists of fine synthetic fibers.



HEPA filters work, not by forcing the air through small holes like a sieve, but by bending the air flow. The particles, which don't change direction as well as the air, crash into the fibers and stick.



Extremely small particles (of molecular size) such as viruses are dominated by Brownian motion rather than gravity or inertia. This perpetual agitation causes them to impact the fibers and stick.

Tests conducted in the 1960's found that HEPA filters could be 99.9999% efficient for bacteria and 99.999% efficient for viruses.

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The fit of the filters in the filter chamber has a major influence on performance. Poor fit seriously degrades efficiency by allowing unfiltered air to by-pass the filter. Cracks in the folds of the filter will similarly affect filtration results.

The AllerAir 9600 Series has the unique Pressure Seal to avoid leaks and the HEPA is warm rolled to prevent cracking on the folds.

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